

1-542 U.S. PTO  
09/14/155

08/28/96

530 393  
Class Subclass  
ISSUE CLASSIFICATION

# U.S. UTILITY PATENT APPLICATION

3 JWD SCANNED	O.I.P.E. HT O.A.	PATENT DATE AUG 27 2002
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PATENT NUMBER  
**6441145**  
6441145

SECTOR	CLASS 530	SUBCLASS 393	ART UNIT 1632	EXAMINER Crouch
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FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

**CPA**

## PREPARED AND APPROVED FOR ISSUE

ORIGINAL		CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
530	393	530	380	381	386	392	395	
INTERNATIONAL CLASSIFICATION		800	7					
07K	1/00							
	14/00							
	16/00							
	17/00							
012P	21/00							

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<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>  <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.  <input checked="" type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent No. 5,243,705.	<b>DRAWINGS</b> Sheets Drwg. 711    Figs. Drwg. 11    Print Fig. NONE			<b>CLAIMS ALLOWED</b> Total Claims 1820    Print Claim for O.G. 1	
	(Assistant Examiner) _____ (Date) _____  <b>DEBORAH CROUCH</b> PRIMARY EXAMINER GRANTED 10/16/02 Deborah Crouch 2/19/02 (Primary Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b> 04/02/02  <b>ISSUE FEE</b> Amount Due \$1200.00    Date Paid 7-10-02	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	(Legal Instruments Examiner) _____ (Date) 3/10/02			<b>ISSUE BATCH NUMBER</b>	

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